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Shriya Construction and Consultancy

1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town, Bangalore - 560 064.

NO: YEL-P/PMC/MINI / CUL. Slab

Date: 30/06/2021

Precast Culvert Slab 250mm Thick (Core Cutting Method) Test Report

Sub: Testing of Culvert Slab of 250mm Thick (Core Cutting Method) – Compressive Strength).

Sub: Testing of Concrete Drain Slab (Core Cutting Method) – Compressive Strength

NAME OF WORK: Construction of Compound gate to Mini Vidhana soudha and Construction of Auditoriums in Government first grade college and Bangla Government Higher Primary school and other developmental works in Kempegowda ward No. 01

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Projects Division, BBMP Bangalore.

Name of Agency/ contractor: M Sri. T K Shankarappa (M/s MESPC Infra Projects Pvt Ltd).

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CORE

CORE SPECIMENS

Grade Of concrete: **M20**

Technical Ref:. IS.516-1959 (Reaffirmed), Sp 24-1983.

Table 1.1

Dia of Specimens: 100 mm =D

Sl. No	Height of core (H)mm	Weight of Core (KG)	Dencity of core (KG/m3)	H/D	Correction factor of H/D	Load KN	Compressive Strength-N/mm2	Correction Factor for dia (Strength x1.08)	Corrected Compressive Strength	Equavenent Cube Compressive Strength
1.	170	3.118	2335.2	1.70	.960	142.5	18.14	19.60	18.81	23.4
2.	173	3.231	2377.9	1.73	.960	138.6	17.65	19.06	18.30	22.2
3.	173	3.291	2394.4	1.75	.960	140.3	17.86	19.29	18.52	23.1

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1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town, Bangalore - 560 064.

NO: YEL-P/PMC/MINI / M20 Columns

Date: 17/07/2021

1. Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days – Compressive Strength)

NAME OF WORK: Construction of Compound gate to Mini Vidhana soudha and Construction of Auditoriums in Government first grade college and Bangla Government Higher Primary school and other developmental works in Kempegowda ward No. 01

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Projects Division, BBMP Bangalore.

Name of Agency/ contractor: M Sri. T K Shankarappa (M/s MESPC Infra Projects Pvt Ltd).

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CUBES

CUBE SPECIMENS

Dimentions of Specimens: 150x150x150mm

Grade Of concrete: **M20**

Table 1.1

SL No	Location	Date of casting	Date of Testing	C/S Area mm2	Age	Load KN	Compressive Strength-N/mm2	Average
1.	Column Concete	10-07-2021	17-07-2021	22500	7	390	17.33	18.15
2.		"	"	"	"	425	18.88	
3.		"	"	"	"	410	18.22	
4.		"	"	"	"	426	18.90	
5.		"	"	"	"	400	18.04	
6.		"	"	"	"	395	17.55	

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NO: YEL-P/PMC/MINI / M20 Columns

Date: 07/08/2021

1. Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days – Compressive Strength)

NAME OF WORK: Construction of Compound gate to Mini Vidhana soudha and Construction of Auditoriums in Government first grade college and Bangla Government Higher Primary school and other developmental works in Kempegowda ward No. 01

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Projects Division, BBMP Bangalore.

Name of Agency/ contractor: M Sri. T K Shankarappa (M/s MESPC Infra Projects Pvt Ltd).

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CUBES

CUBE SPECIMENS

Dimentions of Specimens: 150x150x150mm

Grade Of concrete: **M20**

Table 1.1

SL No	Location	Date of casting	Date of Testing	C/S Area mm2	Age	Load KN	Compressive Strength-N/mm2	Average
1.	Column Concete	10-07-2021	07-08-2021	22500	28	510	22.66	22.51
2.		"	"	"	"	545	24.22	
3.		"	"	"	"	490	21.77	
4.		"	"	"	"	505	22.40	
5.		"	"	"	"	531	23.60	
6.		"	"	"	"	482	21.40	

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1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town, Bangalore - 560 064.

NO: YEL-P/PMC/MINI / M20 Footing Date: 12/07/2021

1. Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days – Compressive Strength)

NAME OF WORK: Construction of Compound gate to Mini Vidhana soudha and Construction of Auditoriums in Government first grade college and Bangla Government Higher Primary school and other developmental works in Kempegowda ward No. 01

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Projects Division, BBMP Bangalore.

Name of Agency/ contractor: M Sri. T K Shankarappa (M/s MESPC Infra Projects Pvt Ltd).

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CUBES

CUBE SPECIMENS

Dimentions of Specimens: 150x150x150mm

Grade Of concrete: **M20**

Table 1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	ssive Strength N/mm2	Average Strength N/mm2
1	Column Footing Mini Vidhan Soudha	05-07-2021	12-07-2021	8.41	7	342.00	15.20	16.21
2		"	"	8.20	"	333.00	14.80	
3		"	"	8.36	"	365.00	16.22	
4		"	"	8.32	"	373.00	16.58	
5		"	"	8.55	"	384.00	17.07	
6		"	"	8.35	"	392.00	17.42	

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1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town, Bangalore - 560 064.

NO: YEL-P/PMC/MINI / M20 Footing Date: 02/08/2021

1. Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days - Compressive Strength)

NAME OF WORK: Construction of Compound gate to Mini Vidhana soudha and Construction of Auditoriums in Government first grade college and Bangla Government Higher Primary school and other developmental works in Kempegowda ward No. 01

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Projects Division, BBMP Bangalore.

Name of Agency/ contractor: M Sri. T K Shankarappa (M/s MESPC Infra Projects Pvt Ltd).

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CUBES

CUBE SPECIMENS

Dimentions of Specimens: 150x150x150mm

Grade Of concrete: **M20**

Table1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	ssive Strengt h N/mm2	Average Strength N/mm2
1	Column Footing Mini Vidhan Soudha	05-07-2021	02-08-2021	8.12	28	541.00	24.04	23.93
2		"	"	8.42	"	563.00	25.02	
3		"	"	8.28	"	524.00	23.29	
4		"	"	8.34	"	534.00	23.73	
5		"	"	8.22	"	564.00	25.07	
6		"	"	8.63	"	505.00	22.44	

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1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town, Bangalore - 560 064.

NO: YEL-P/PMC/MINI / M20

Date: 09/09/2021

1. Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days – Compressive Strength)

NAME OF WORK: Construction of Compound gate to Mini Vidhana soudha and Construction of Auditoriums in Government first grade college and Bangla Government Higher Primary school and other developmental works in Kempegowda ward No. 01

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Projects Division, BBMP Bangalore.

Name of Agency/ contractor: M Sri. T K Shankarappa (M/s MESPC Infra Projects Pvt Ltd).

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CUBES

CUBE SPECIMENS

Dimentions of Specimens: 150x150x150mm

Grade Of concrete: **M20**

Table1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	ssive Strength N/mm2	Average Strength N/mm2
1	Driveway and Parking	02-09-2021	09-09-2021	8.32	7	368.00	16.36	16.13
2		"	"	8.21	"	365.00	16.22	
3		"	"	8.14	"	345.00	15.33	
4		"	"	8.24	"	399.00	17.73	
5		"	"	8.12	"	346.00	15.38	
6		"	"	8.00	"	355.00	15.78	

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NO: YEL-P/PMC/MINI / M20

Date: 30/09/2021

Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days – Compressive Strength)

NAME OF WORK: Construction of Compound gate to Mini Vidhana soudha and Construction of Auditoriums in Government first grade college and Bangla Government Higher Primary school and other developmental works in Kempegowda ward No. 01

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Projects Division, BBMP Bangalore.

Name of Agency/ contractor: M Sri. T K Shankarappa (M/s MESPC Infra Projects Pvt Ltd).

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CUBES

CUBE SPECIMENS

Dimentions of Specimens: 150x150x150mm

Grade Of concrete: **M20**

Table1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	ssive Strength N/mm2	Average Strength N/mm2
1	Driveway and Parking	02-09-2021	30-09-2021	8.41	28	503.00	22.36	22.16
2		"	"	8.20	"	485.00	21.56	
3		"	"	8.36	"	476.00	21.16	
4		"	"	8.32	"	531.00	23.60	
5		"	"	8.55	"	499.00	22.18	
6		"	"	8.35	"	497.00	22.09	

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NO: YEL-P/PMC/MINI / M20 Date: 09/09/2021

1. Test report on cement Concrete Cubes:

Sub: Testing of concrete cubes (for below said no of days – Compressive Strength)

NAME OF WORK: Construction of Compound gate to Mini Vidhana soudha and Construction of Auditoriums in Government first grade college and Bangla Government Higher Primary school and other developmental works in Kempegowda ward No. 01

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RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CUBES

CUBE SPECIMENS

Dimentions of Specimens: 150x150x150mm

Grade Of concrete: **M20**

Table1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	ssive Strength N/mm2	Average Strength N/mm2
1	Driveway and Parking	02-09-2021	09-09-2021	8.23	7	399.00	17.73	16.24
2		"	"	8.41	"	345.00	15.33	
3		"	"	8.35	"	385.00	17.11	
4		"	"	8.29	"	362.00	16.09	
5		"	"	8.17	"	326.00	14.49	
6		"	"	8.24	"	375.00	16.67	

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RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CUBES

CUBE SPECIMENS

Dimentions of Specimens: 150x150x150mm

Grade Of concrete: **M20**

Table1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	ssive Strengt h N/mm2	Average Strength N/mm2
1	Driveway and Parking	02-09-2021	30-09-2021	8.43	28	550.00	24.44	23.13
2		"	"	8.24	"	531.00	23.60	
3		"	"	8.36	"	521.00	23.16	
4		"	"	8.52	"	561.00	24.93	
5		"	"	8.34	"	485.00	21.56	
6		"	"	8.43	"	475.00	21.11	

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NO: YEL-P/PMC/MINI / M20 Date: 09/09/2021

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NAME OF WORK: Construction of Compound gate to Mini Vidhana soudha and Construction of Auditoriums in Government first grade college and Bangla Government Higher Primary school and other developmental works in Kempegowda ward No. 01

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CUBE SPECIMENS

Dimentions of Specimens: 150x150x150mm

Grade Of concrete: **M20**

Table1.1

Sl No	Location	Date Of Casting	Date Of Testing	Weight Of Cubes	Age in days	Load (KN)	ssive Strength N/mm2	Average Strength N/mm2
1	Driveway and Parking	02-09-2021	09-09-2021	8.11	7	405.00	18.00	16.55
2		"	"	8.27	"	365.00	16.22	
3		"	"	8.36	"	375.00	16.67	
4		"	"	8.29	"	348.00	15.47	
5		"	"	8.25	"	369.00	16.40	
6		"	"	8.14	"	372.00	16.53	

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